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IN THE CLAIMS

Please cancel Claim 9 without prejudice.

Please amend the following claims.

Claim 1, line 2, delete "obtainable" and substitute therefor -- obtained--.

Claim 10, line 1, delete "system" and substitute therefor -- composition--.

Claim 11, line 1, delete "system" and substitute therefor -- composition--.

Claim 12, line 1, delete "system" and substitute therefor -- composition--.

Claim 12, line 1, delete "12" and substitute therefor --2--.

Claim 13, line 1, delete "system" and substitute therefor -- composition--.

Claim 14, line 1, delete "system" and substitute therefor -- composition--.

Claim 14, line 1, delete "13" and substitute therefor --12--.

Claim 15, line 1, delete "system" and substitute therefor -- composition--.

Claim 16, line 1, delete "system" and substitute therefor -- composition--.

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Claim 17, line 1, delete "system" and substitute therefor --  
composition--.

Claim 17, line 1, delete "13" and substitute therefor --12--.

Claim 18, line 1, delete "system" and substitute therefor --  
composition--.

Claim 19, line 1, delete "system" and substitute therefor --  
composition--.

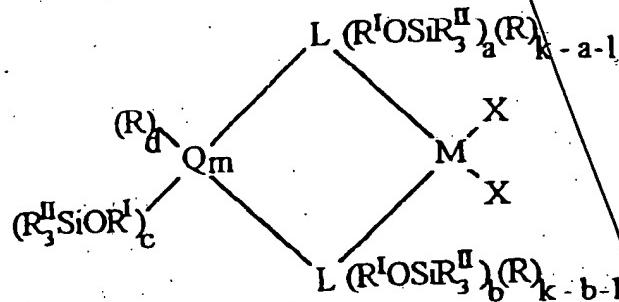
Claim 20, line 3, delete "system" and substitute therefor --  
composition--.

Please add the following new claim.

--21. A heterogeneous catalytic system obtained by reacting a porous inorganic support with an alumoxane and subsequently supporting at least one metallocene compound thereon, wherein the metallocene compound is defined by formula I, II, or III:



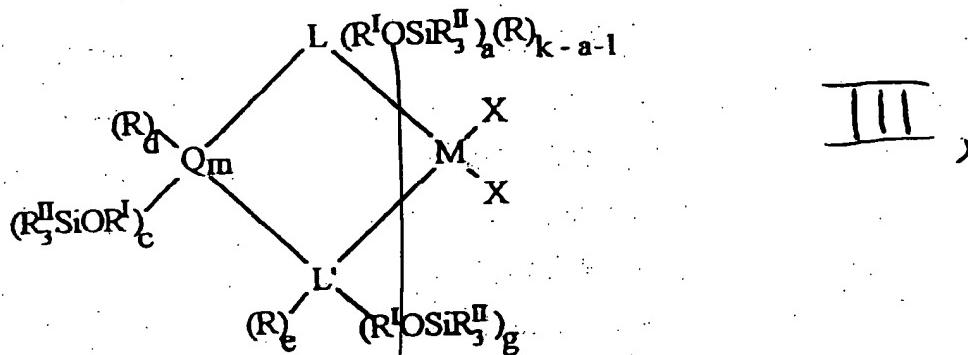
I,



II, or

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wherein:

the **L** groups are equal to or different from each other, wherein each **L** is selected from the group consisting of cyclopentadienyl, indenyl, tetrahydroindenyl, fluorenyl, octahydrofluorenyl, and benzoindenyl;

each **R** is independently hydrogen, linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl, linear or branched C<sub>3</sub>-C<sub>20</sub> cycloalkyl, linear or branched C<sub>6</sub>-C<sub>20</sub> aryl, linear or branched C<sub>3</sub>-C<sub>20</sub> alkenyl, linear or branched C<sub>7</sub>-C<sub>20</sub> arylalkyl, linear or branched C<sub>7</sub>-C<sub>20</sub> alkylaryl, linear or branched C<sub>8</sub>-C<sub>20</sub> arylalkenyl, or a group SiR<sup>II</sup><sub>3</sub>, wherein the C<sub>1</sub>-C<sub>20</sub> alkyl, the C<sub>3</sub>-C<sub>20</sub> cycloalkyl, the C<sub>6</sub>-C<sub>20</sub> aryl, the C<sub>3</sub>-C<sub>20</sub> alkenyl, the C<sub>7</sub>-C<sub>20</sub> arylalkyl, the C<sub>7</sub>-C<sub>20</sub> alkylaryl, and the C<sub>8</sub>-C<sub>20</sub> arylalkenyl are optionally substituted with 1 to 10 halogen atoms;

the **R<sup>I</sup>** groups are equal to or different from each other, wherein each **R<sup>I</sup>** is a divalent aliphatic or aromatic hydrocarbon group containing from 1 to 20 carbon atoms, optionally containing from 1 to 5 heteroatoms of groups 14 to 16 of the Periodic Table of the Elements, and optionally containing boron;

each **R<sup>II</sup>** is independently linear or branched C<sub>1</sub>-C<sub>20</sub> alkyl, linear

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or branched C<sub>3</sub>-C<sub>20</sub> cycloalkyl, linear or branched C<sub>6</sub>-C<sub>20</sub> aryl, linear or branched C<sub>3</sub>-C<sub>20</sub> alkenyl, linear or branched C<sub>7</sub>-C<sub>20</sub> arylalkyl, linear or branched C<sub>8</sub>-C<sub>20</sub> arylalkenyl, or linear or branched C<sub>7</sub>-C<sub>20</sub> alkylaryl;

each Q is independently B, C, Si, Ge, or Sn;

M is a lanthanide, an actinide, or a metal of group 3, 4, or 10 of the Periodic Table of the Elements, and M has a valence;

each X is independently hydrogen, chlorine, bromine, OR<sup>II</sup>, NR<sup>II</sup><sub>2</sub>,

C<sub>1</sub>-C<sub>20</sub> alkyl, or C<sub>6</sub>-C<sub>20</sub> aryl;

L' is N or O;

when L is cyclopentadienyl, k is equal to 5; when L is indenyl, k is equal to 7; when L is fluorenyl or benzoindenyl, k is equal to 9; when L is tetrahydroindenyl, k is equal to 11; and when L is octahydrofluorenyl, k is equal to 17;

z is equal to 0, 1, or 2;

x is equal to 1, 2, or 3;

y is equal to 1, 2, or 3;

x + y + z is equal to the valence of M;

m is equal to 1;

a is an integer whose value ranges from 0 to k-1;

b is an integer whose value ranges from 0 to k-1;

f is an integer whose value ranges from 1 to k;

g is equal to 0 to 1;

c is equal to 0 or 1;

e is equal to 0 or 1;

a + b + c is at least 1;

a + g + c is at least 1;

d is equal to 0, 1, or 2;

when Q is B, then c + d = 1;

when Q is C, Si, Ge, or Sn, then c + d = 2;

when L' is N, then g + e = 1; and

when L' is O, then g = 0 and e = 0.--